



1993-98 Jeep Grand Cherokee 4.0L Inline 6

Header

Part # 4052, 40520

Special Tools

Required:

- Basic Tools

Install Time:

Approximately
1 hour 30mins

Difficulty:

3 out of 5

Follow these instructions carefully to ensure correct fitment and operation.

STEP 1

- Disconnect the negative battery terminal.

STEP 2



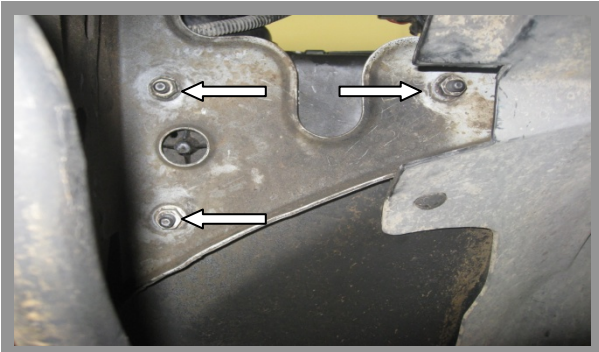
- Loosen the clamp at the throttle body by pulling the locking tab up.

STEP 3



- Remove the clips holding the top half of the stock air box assembly together to the bottom half, and also remove both vent hoses going to the air box.

STEP 4



- From underneath the vehicle remove the 3 nuts that secure the stock air box assembly.

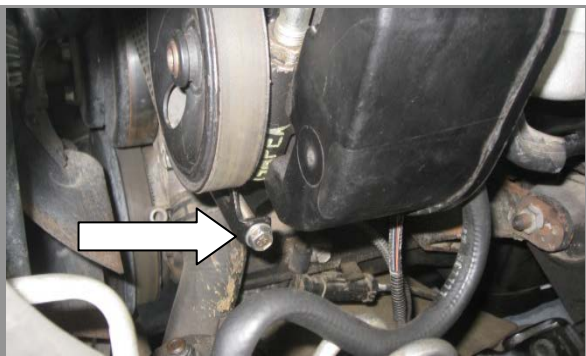


STEP 5



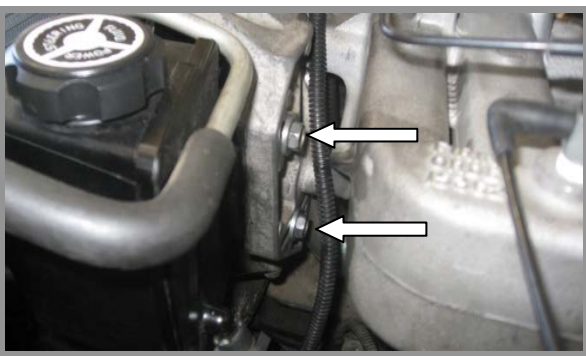
- While still underneath the vehicle, remove the hardware from the collector to the head pipe.

STEP 6 (Removal of the Steering Pump)



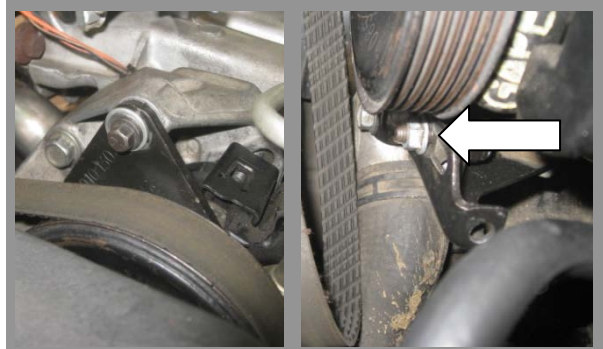
- Remove the long adjusting bolt from underneath the steering pump.

STEP 7



- Remove the 2 mounting bolts on the back of the steering pump.

STEP 8



- Remove the top bolt on the black bracket above the pump and the nut on the bottom of the steering pump.

STEP 9



- After removing the belt and un-mounting the steering pump, move it off to the side to aid in Header installation.

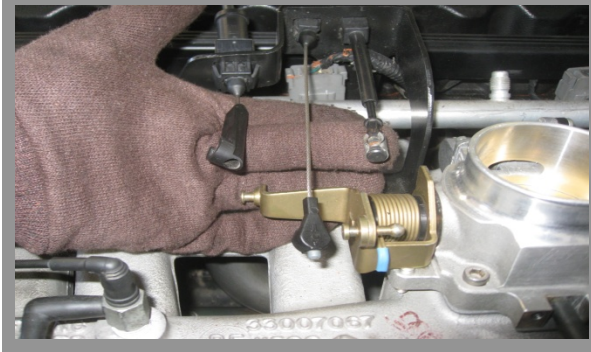
STEP 10



- Remove the 3 bolts holding the steering pump bracket to the intake manifold.



STEP 11 (Removal of the Throttle Body)



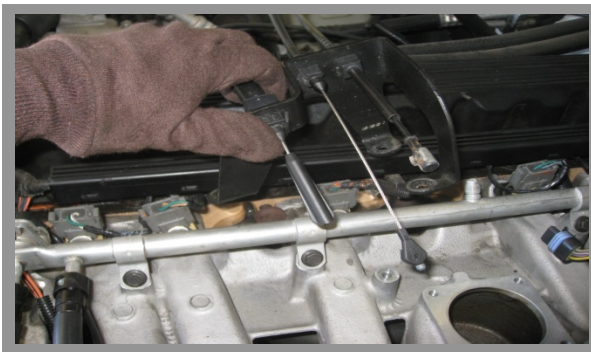
- Unclip the cable attachments from the throttle body linkage.

STEP 12



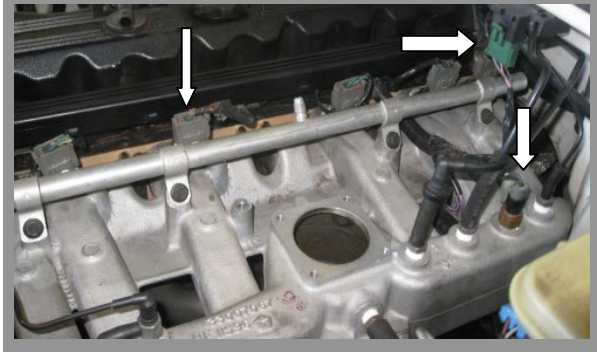
- Unplug all the electrical connections going to the throttle body. Unbolt and remove the throttle body.

STEP 13 (Removal of the intake Manifold)



- Unbolt the bracket holding the throttle body cables and move to the side.

STEP 14



- Disconnect all the fuel injector connections (6 total) and any other electrical connections for the intake manifold.

STEP 15



- Be sure there is no pressure in the fuel system and disconnect the 2 fuel lines going to the fuel rails by squeezing the tabs and pulling back on the lines.

STEP 16



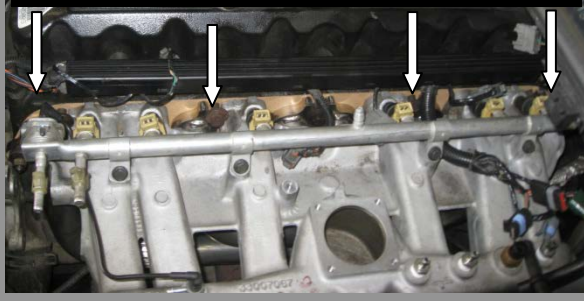
- Remove all air lines (6 total) going to the intake manifold.



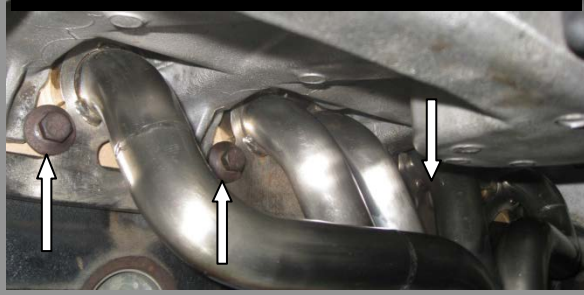
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STEP 17

There 4 Bolts on the Top

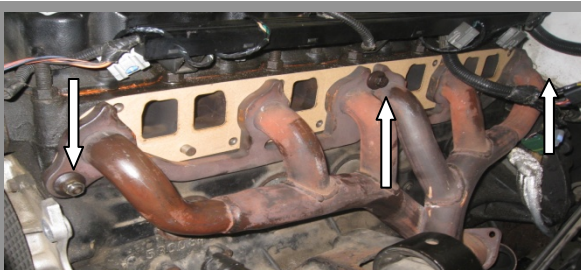


There are 3 Bolts on the bottom



- Remove all the bolts holding the intake manifold to the cylinder head.

STEP 18 (Removal of the Stock Exhaust Manifold)



There are 3 Bolts holding the exhaust manifold

- Remove all the hardware and remove the stock exhaust manifold from the vehicle.

STEP 19 (Installing the BBK Header)

Be sure the cylinder head surface is clean and smooth to prevent any exhaust leaks.



- Place the BBK Header into position and tighten the header down using the stock hardware.

STEP 20 (Re-install the Intake Manifold)

- Re-install the intake manifold by repeating steps 13-17

STEP 21

- Tighten the intake manifold by starting from the middle bolts and going outwards.

STEP 22

- Re-install the throttle body and steering pump. When tightening the belt adjuster (long bolt on bottom of the steering pump) there should be no more than 1/4 inch of total play in the belt.

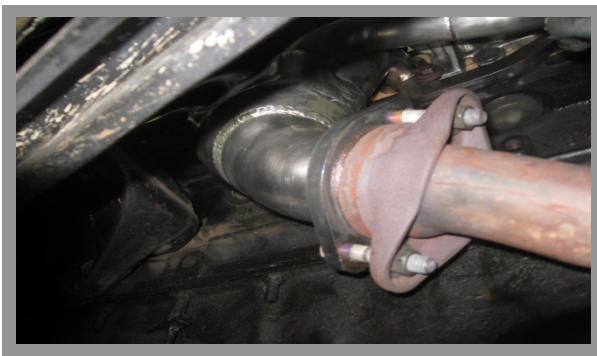


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STEP 23



- Re-install the Air Intake Assembly and tighten the header to the head pipe using the supplied hardware.

STEP 24

- Reconnect the negative battery terminal

NOTE!!!

Be sure to re-torque the intake manifold and header bolts after the initial start up and after 100 miles of driving.

Installed on the Vehicle

